

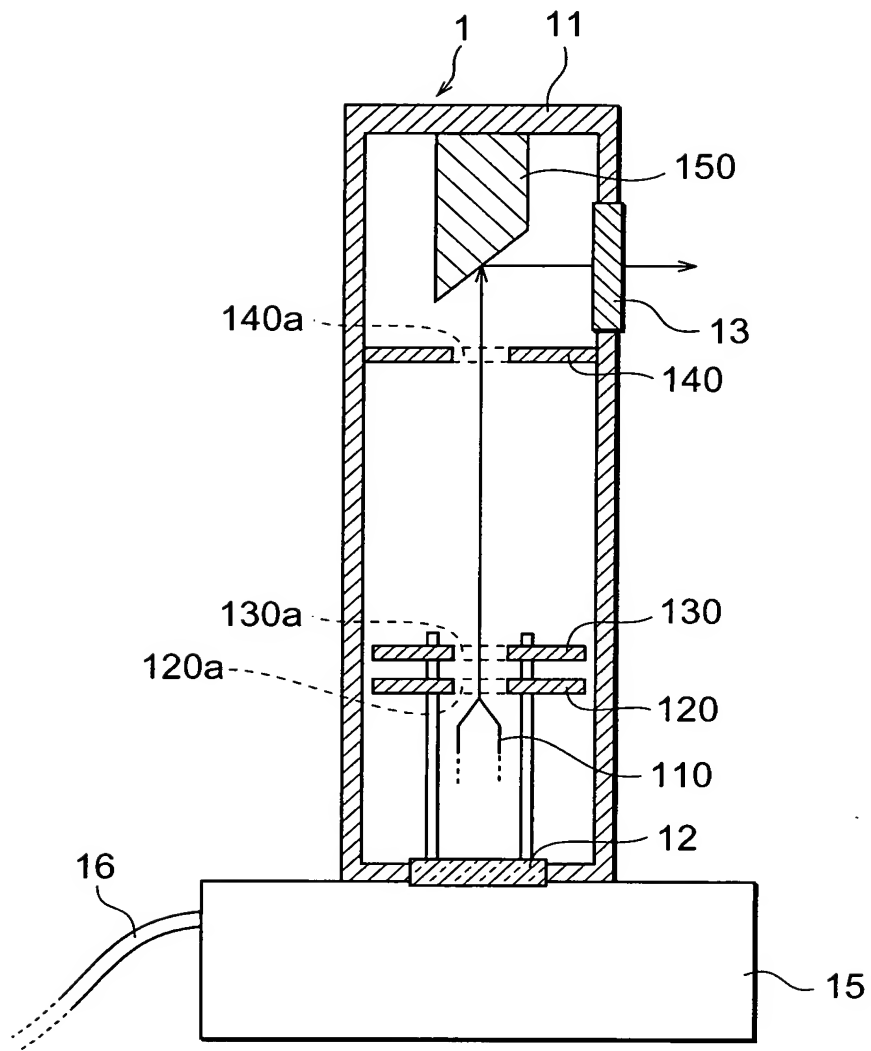
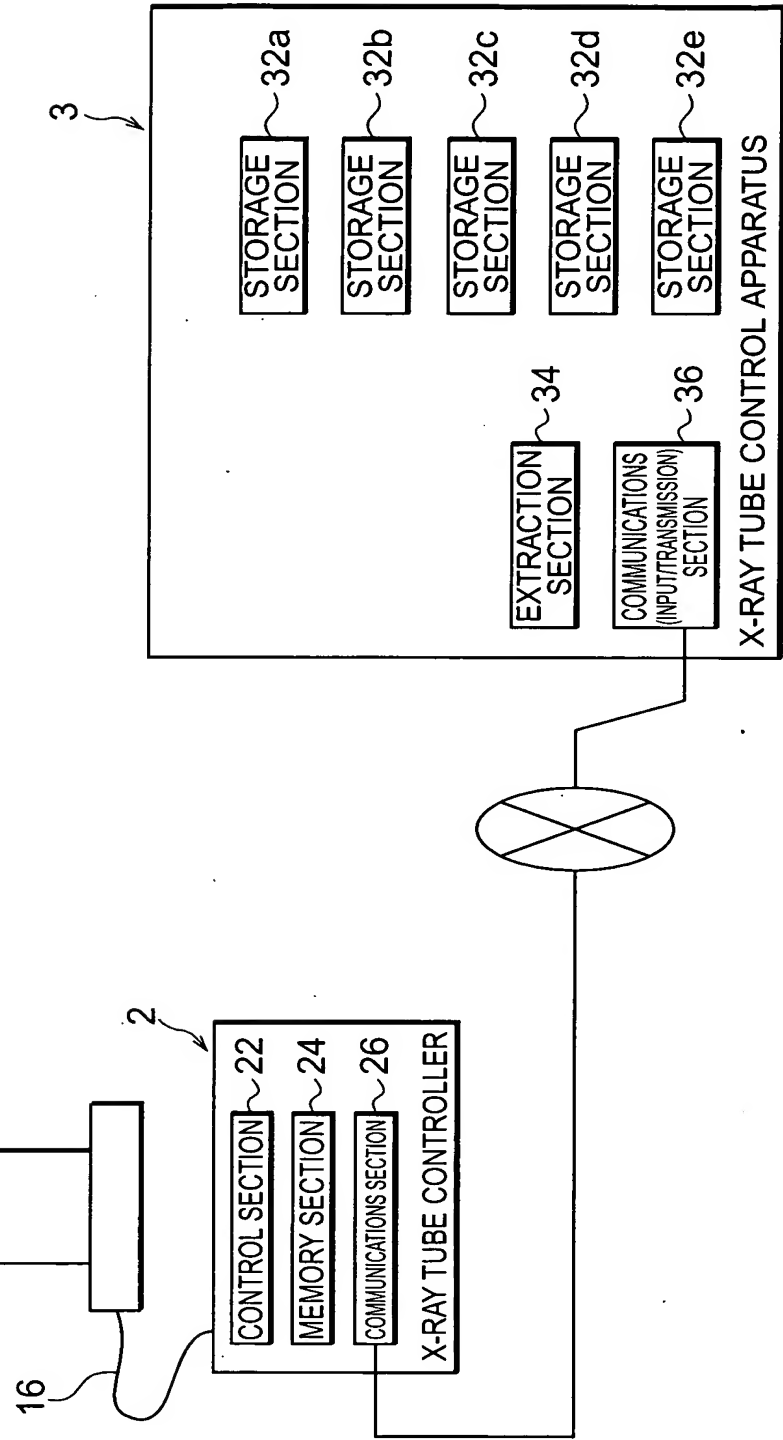
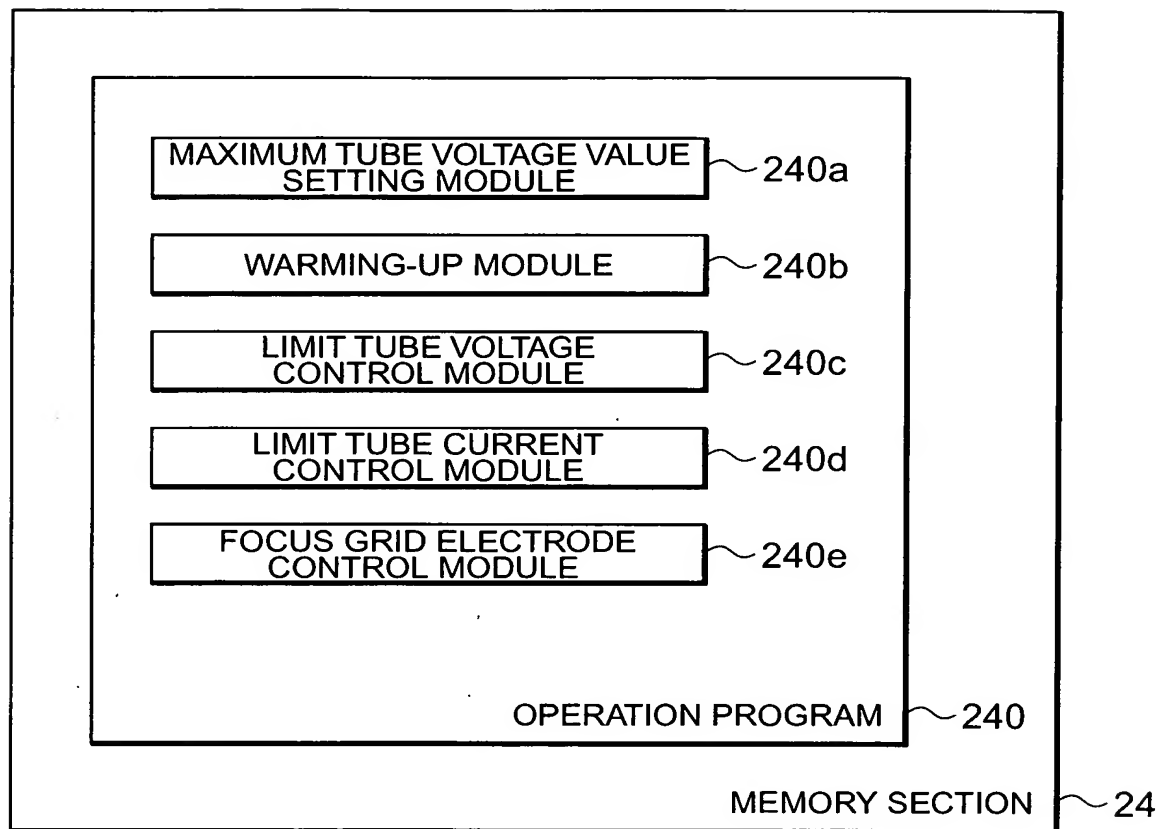
**Fig.1**

Fig.2



**Fig.3**

**Fig.4**

MAXIMUM TUBE VOLTAGE VALUE	STORAGE SECTION 32a	STORAGE SECTION 32b	STORAGE SECTION 32c	STORAGE SECTION 32d	STORAGE SECTION 32e
130kV	MAXIMUM TUBE VOLTAGE VALUE SETTING MODULE (130 kV)	WARMING-UP MODULE (FOR 130 kV)	LIMIT TUBE VOLTAGE CONTROL MODULE (150 kV)	LIMIT TUBE CURRENT CONTROL MODULE (360 $\mu$ A)	FOCUS GRID ELECTRODE CONTROL MODULE (V <sub>130</sub> [V])
120kV	MAXIMUM TUBE VOLTAGE VALUE SETTING MODULE (120 kV)	WARMING-UP MODULE (FOR 120 kV)	LIMIT TUBE VOLTAGE CONTROL MODULE (140 kV)	LIMIT TUBE CURRENT CONTROL MODULE (300 $\mu$ A)	FOCUS GRID ELECTRODE CONTROL MODULE (V <sub>120</sub> [V])
110kV	MAXIMUM TUBE VOLTAGE VALUE SETTING MODULE (110 kV)	WARMING-UP MODULE (FOR 110 kV)	LIMIT TUBE VOLTAGE CONTROL MODULE (135 kV)	LIMIT TUBE CURRENT CONTROL MODULE (270 $\mu$ A)	FOCUS GRID ELECTRODE CONTROL MODULE (V <sub>110</sub> [V])
100kV	MAXIMUM TUBE VOLTAGE VALUE SETTING MODULE (100 kV)	WARMING-UP MODULE (FOR 100 kV)	LIMIT TUBE VOLTAGE CONTROL MODULE (130 kV)	LIMIT TUBE CURRENT CONTROL MODULE (240 $\mu$ A)	FOCUS GRID ELECTRODE CONTROL MODULE (V <sub>100</sub> [V])
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•

**Fig.5**

240

MAXIMUM TUBE VOLTAGE: 130 kV/MAXIMUM TUBE CURRENT: 300 $\mu$ A					
LIMIT TUBE VOLTAGE: 150 kV					
LIMIT TUBE CURRENT: 360 $\mu$ A					
FOCUS GRID VOLTAGE: V <sub>130</sub> [V]					
STEP	TUBE VOLTAGE (kV)	TUBE CURRENT ( $\mu$ A)	WARMING-UP TIME (min)		
			8 HOURS TO ONE MONTH AFTER OFF	ONE MONTH TO THREE MONTHS AFTER OFF	THREE MONTHS OR MORE AFTER OFF
1	27	0	1	5	10
2	54	30	1	5	30
3	81	90	3	6	20
4	108	150	3	7	30
5	121	220	3	7	20
6	130	300	4	10	10
			TOTAL 15(min)	TOTAL 40(min)	TOTAL 120(min)

**Fig.6**

240

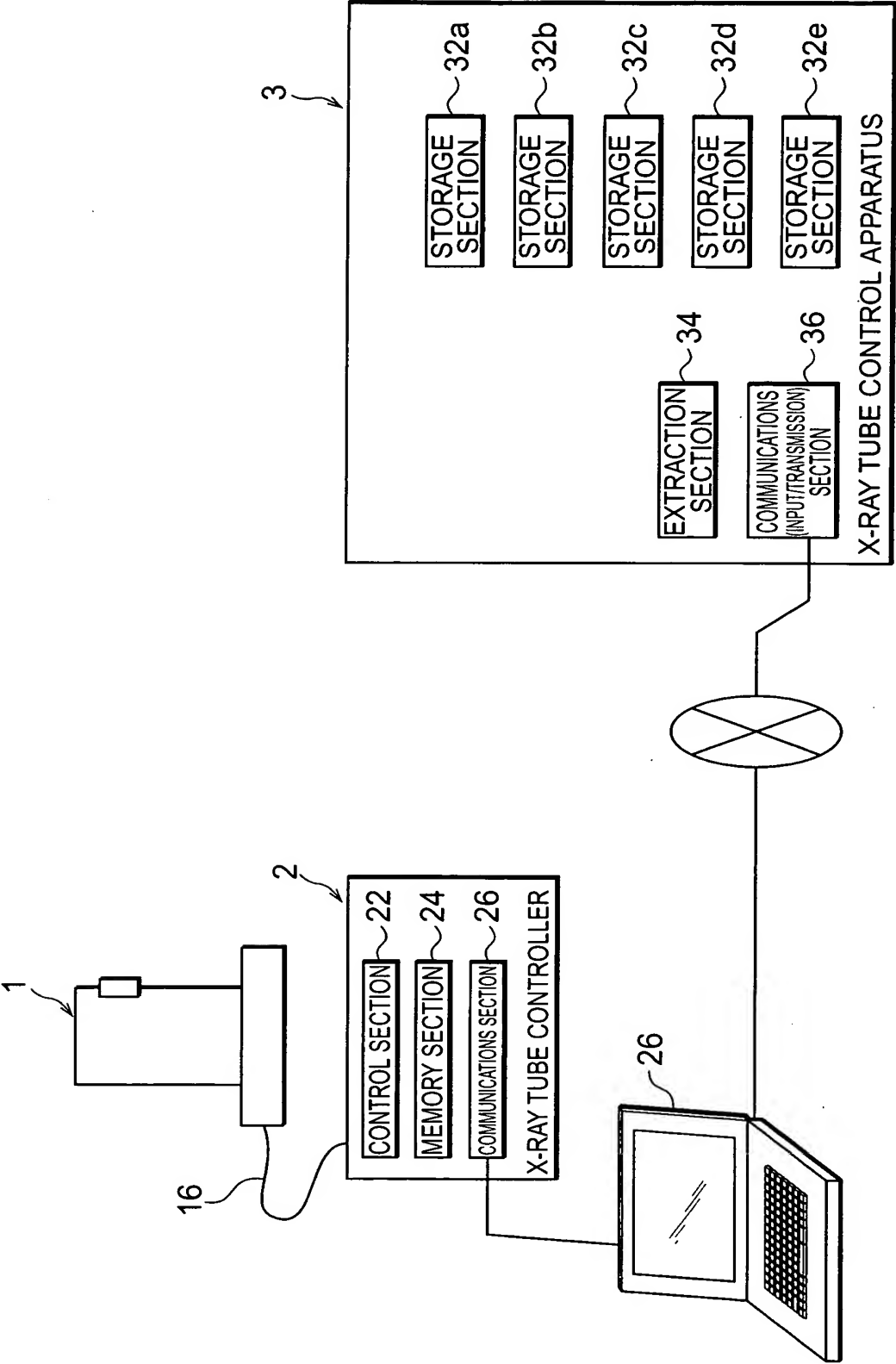
MAXIMUM TUBE VOLTAGE: 100 kV/MAXIMUM TUBE CURRENT: 200 $\mu$ A					
LIMIT TUBE VOLTAGE: 130 kV					
LIMIT TUBE CURRENT: 240 $\mu$ A					
FOCUS GRID VOLTAGE: V <sub>100</sub> [V]					
STEP	TUBE VOLTAGE (kV)	TUBE CURRENT ( $\mu$ A)	WARMING-UP TIME (min)		
			8 HOURS TO ONE MONTH AFTER OFF	ONE MONTH TO THREE MONTHS AFTER OFF	THREE MONTHS OR MORE AFTER OFF
1	20	0	1	4	10
2	40	20	1	4	30
3	62	60	2	5	20
4	83	100	2	5	30
5	93	150	3	6	20
6	100	200	3	8	10
			TOTAL 12(min)	TOTAL 32(min)	TOTAL 120(min)

**Fig.7**

240

MAXIMUM TUBE VOLTAGE: 110 kV/MAXIMUM TUBE CURRENT: 200 $\mu$ A					
LIMIT TUBE VOLTAGE: 135 kV					
LIMIT TUBE CURRENT: 270 $\mu$ A					
FOCUS GRID VOLTAGE: $V_{110}$ [V]					
STEP	TUBE VOLTAGE (kV)	TUBE CURRENT ( $\mu$ A)	WARMING-UP TIME (min)		
			8 HOURS TO ONE MONTH AFTER OFF	ONE MONTH TO THREE MONTHS AFTER OFF	THREE MONTHS OR MORE AFTER OFF
1	20	0	1	4	10
2	40	20	1	4	30
3	65	60	2	5	20
4	90	100	2	5	30
5	100	150	3	6	20
6	110	200	3	8	10
			TOTAL 12(min)	TOTAL 32(min)	TOTAL 120(min)

Fig.8





**Fig.9**